

**SAMPLING METHOD AND APPARATUS FOR AMPLIFICATION REACTION  
ANALYSIS**

**ABSTRACT**

5           The invention provides sampling methods that permit the quantitative analysis of nucleic  
acid amplification reactions. Quantitative information garnered during an amplification regimen  
permits the development of a detailed amplification profile that in turn permits the reliable  
determination of original template abundance. The methods disclosed are particularly useful for  
quantitative expression analysis of multiple genes or transcription units, both in the same  
10   amplification reaction and in multiple amplification reactions.